

### **Presentations in Past Six Months**

1. Angradi, T.R., E.W. Schweiger, and D.W. Bolgrien. 2003. Water quality in the Garrison Reach of the Missouri River, ND: Preliminary EMAP findings. ***2003 Missouri River Natural Resources Conference, Benedictine College, Atchison, Kansas, June 1-4, 2003.***
2. Batterman, A.R. 2003. Balance and pipette calibration at MED. ***ORD QA Meeting NERL, R.S. Kerr Environmental Research Laboratory, Ada, OK, October 21-23, 2003.***
3. Batterman, A.R. 2003. Honor in science - Scientific ethics. ***ORD QA Meeting NERL, R.S. Kerr Environmental Research Laboratory, Ada, OK, October 21-23, 2003.***
4. Brazner, J.C. , S.E. Campana, and D.K. Tanner. 2003. Are elemental fingerprints of fish otoliths distinct among Great Lakes coastal wetland nursery areas? ***Society of Conservation Biology Annual Meeting, Duluth MN, June 28-July 3, 2003.***
5. Brazner, J.C. , S.E. Campana, and D.K. Tanner. 2003. Habitat fingerprinting for coastal wetlands using otolith elemental analysis. ***IAGLR, Chicago, IL, June 23-26, 2003.***
6. Brazner, J.C., D.K. Tanner, and S.L. Batterman. 2003. Fish assemblages as indicators of Lake Superior coastal wetland condition. ***IAGLR, Chicago, IL, June 23-26, 2003.***
7. Cook, P.M. 2003. Asbestos and related durable fibers: Too ubiquitous, too persistent, too complex to put human health risks to rest? ***U.S. EPA Emerging Pollutants Workshop, Chicago, IL, August 11-14, 2003.***
9. Detenbeck, N.E. 2003. Designs for the future: Bridging the gap between assessment of condition and diagnosis of impairment. ***Frontiers in Assessment Methods for the Environment Symposium, Minneapolis, MN, August 10, 2003.***
10. Detenbeck, N.E. 2003. Use of watershed classification in monitoring frameworks for the western Lake Superior basin. ***Lake Superior Technical Non-point Pollution Abatement Committee, Northern Great Lakes Visitor Center, Ashland, WI, May 20, 2003.***
11. Detenbeck, N.E. 2003. WV R-EMAP: A small watershed characterization, classification, and assessment for West Virginia utilizing EMAP design and tools. ***EPA Region 3, Philadelphia, Pa, October 21, 2003.***
12. Detenbeck, N.E. 2003. WV R-EMAP: A small watershed characterization, classification, and assessment for West Virginia utilizing EMAP design and tools. ***Canaan Valley Institute, Davis, WV, October 22, 2003.***
13. Detenbeck, N.E., D. Cincotta, F. Fulk, and F. McCormick. 2003. A small watershed characterization, classification, and assessment for West Virginia utilizing EMAP design

and tools. *Using Science to Assess Environmental Vulnerabilities, Valley Forge, PA, May 12-15, 2003.*

14. Endicott, D.D., and R.G. Kreis. 2003. Modeling sediment transport for the Lake Michigan Mass Balance Project. *IAGLR Conference on Great Lakes Research, DePaul University, Chicago, IL, June 22-26, 2003.*
15. Gerstner, G., W. Melendez, D.D. Endicott, and K.R. Rygwelski. 2003. High resolution modeling of PCB congeners in Lake Michigan using the Lake Michigan (LM3) containment model. *IAGLR, Chicago, IL, June 23-26, 2003.*
16. Greene, R.M. , and R.G. Kreis. 2003. Gulf of Mexico hypoxia modeling framework: Improving science to support decision-making. *EPA Science Forum, Washington, DC, May 5-7, 2003.*
17. Henry, T.R., D. Borum, L.P. Burkhard, P.M. Cook, K. Sappington, and E.L. Winchester. 2003. Development of national bioaccumulation factors. *EPA Science Forum, Washington, DC, May 5-7, 2003.*
18. Hill, B.H., F. McCormick, B.C. Harvey, S.L. Johnson, and M. Warren. 2003. An interregional comparison of channel structure transient storage and nutrient uptake in streams draining managed and old growth watersheds. *51st Annual Meeting of the North American Benthological Society, Athens, GA, May 27-31, 2003.*
19. Kelly, J.R., P. Yurista, J.A. Morrice, A.M. Cotter, G.S. Peterson, and T. Hollenhorst. 2003. Finding the scales of ecological response to landscape character and tributary inputs to open nearshore waters, a Great Lakes coast-wide experience. *17th International Conference, Estuarine Research Federation, Seattle, WA, September 14-18, 2003.*
20. Korte, J.J., J.E. Tietge, and S.J. Degitz. 2003. Development of a gene-expression array focusing on the hypothalamus-pituitary-thyroid axis in *Xenopus laevis*. *Third Indo-US Workshop on Mathematical Chemistry, University of Minnesota-Duluth, Duluth, MN, August 2-7, 2003.*
21. Kreis, R.G. 2003. Mass balance modeling of PCBs in the Fox River/Green Bay complex. *NHEERL - OERR (Superfund) Seminar Series, Superfund HQ, Washington, DC, May 14, 2003.*
22. Kuehl, D.W. 2003. Analytical methods and quality assurance criteria for LC/ES/MS determination of PFOS in fish. *American Society for Mass Spectrometry, 51st Annual National Meeting, Montreal QB, Canada, June 8-12, 2003.*
23. Kuehl, D.W. 2003. GC and LC chromatographic and EI, CE, +/-, and ES mass spectral characteristics of salts and amides of perfluorooctanesulfonic acid. *American Society for Mass Spectrometry, 51st Annual National Meeting, Montreal QB, Canada, June 8-12, 2003.*

24. Lee, H., M. Tuchman, M. Slimak, R. Landy, R.G. Kreis, M. Katz , R. Jones, W. Holland, J. Heisler, P. Christich, and J. Cabreza. 2003. The millennium challenge: The U.S. Environmental Protection Agency's response to invasive species. ***12th International Conference on Aquatic Nuisance Species, Windsor, Ontario, Canada, June 9-12, 2003.***
25. Mekenyan, O.G., S. Dimitrov, P.K. Schmieder, and G.D. Veith. 2003. In silico modeling of hazardous endpoints: Current problems and perspectives. ***2nd International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources, Thessalomiki, Greece, September 17-19, 2003.***
26. Morrice, J.A., J.A. Thompson, S.L. Batterman, A.M. Cotter, G.S. Peterson, and N. Danz. 2003. Algal responses to nutrient loading in Great Lakes coastal wetlands. ***IAGLR, Chicago, IL, June 23-26, 2003.***
27. Nedyalkova, Z., M. Todorov, H. Aladjov, J. Atanasov, P.K. Schmieder, G.D. Veith, and O.G. Mekenyan. 2003. Iterative process of QSAR building and strategic testing: Predicting ER binding affinity. ***SETAC Europe, Hamburg, Germany, April 27-May 1, 2003.***
28. Pauer, J.J., K. Taunt, and R.G. Kreis. 2003. Development and application of the Lake Michigan Eutrophication Model, LM3. ***IAGLR, Chicago, IL, June 23-26, 2003.***
29. Pearson, M.S., M.F. Moffett, T.M. Jicha, L.E. Anderson , and C.M. Elonen. 2003. Biological linkages between landuse and water quality: The use of nitrogen stable isotopes for diagnosing the cause and source of water pollution. ***North American Benthological Society Annual Meeting, Athens, GA, May 27-31, 2003.***
30. Rossmann, R., J.C. Filkins, and M. Levine. 2003. Total and methyl mercury concentrations in 1994-5 Lake Michigan forage fish. ***IAGLR, Chicago, IL, June 23-26, 2003.***
31. Rygwelski, K.R., and R.G. Kreis. 2003. An overview of the Lake Michigan Mass Balance Project: Background, accomplishments, and future work. ***IAGLR, Chicago, IL, June 23-26, 2003.***
32. Schofield, R.B., K. Miller, R. Rossmann, and L. Blume. 2003. Mercury in Lake Michigan ecosystem components. ***IAGLR/ILEC 2003, Chicago, IL, June 22-26, 2003.***
33. Schweiger, E.W., T.R. Angradi, D.W. Bolgrien, and J.R. Kelly. 2003. A probability survey of successional forest composition and condition in a Great River floodplain landscape. ***2003 Missouri River Natural Resources Conference, Benedictine College, Atchison, Kansas, June 1-4, 2003.***
34. Stroom, K.T. , K.L. Schmude, J. Snitgen, S.J. Lozano, and T.D. Corry. 2003. New records and range extensions for several *Chironomid* genera in Lake Superior. ***XV International Symposium on Chironomidae, University of Minnesota, St. Paul, MN, August 12-15, 2003.***

35. Tapper, M.A. , J.S. Denny, R.C. Kolanczyk, B.R. Sheedy, and P.K. Schmieder. 2003. Characteristics of high-quality data for QSARs: an ER case study. ***Third Indo-US Workshop on Mathematical Chemistry, University of Minnesota-Duluth, Duluth, MN, August 2-7, 2003.***
36. Taylor, D.L., N.E. Detenbeck, C.M. Elonen, T.M. Jicha, and L.E. Anderson. 2003. Rosgen stream types as a tool for predicting bedload and suspended sediment export in low-order Lake Superior watersheds. ***North American Benthological Society Annual Meeting, Athens, GA, May 27-31, 2003.***
37. Thompson, J.A., J.A. Morrice, S.L. Batterman, A.M. Cotter, G.S. Peterson, and N. Danz. 2003. Wetland morphologic and biogeographic influences on algal responses to nutrient loading in Great Lakes coastal wetlands. ***North American Benthological Society Annual Meeting, Athens, GA, May 27-31, 2003.***
38. Trebitz, A.S. 2003. Wetland monitoring and management. ***Lake Superior Alliance Annual Meeting, Duluth, MN, August 15-17, 2003.***
39. Trebitz, A.S., J.C. Brazner, and D.K. Tanner. 2003. USEPA research on fish - habitat relationships in Great Lakes coastal marshes. ***IAGLR Meeting, Chicago, IL, June 23-26, 2003.***
40. Trebitz, A.S., J.C. Brazner, and D.K. Tanner. 2003. USEPA research on fish - habitat relationships in Great Lakes coastal marshes. ***Society of Conservation Biology Annual Meeting, Duluth, MN, June 28-July 3, 2003.***
41. West, C.W., J.V. Scharold, P. Yurista, and J.R. Kelly. 2003. Acoustic identification of near-shore substrates in the Great Lakes. ***IAGLR, Chicago, IL, June 23-26, 2003.***
42. Yurista, P., J.R. Kelly, and S.E. Miller. 2003. Zooplankton size-spectra in Great Lakes coastal waters. ***IAGLR, Chicago, IL, June 23-26, 2003.***
43. Zhang, X., D.D. Endicott, and K.R. Rygwelski. 2003. Development, calibration, and application of a containment transport and fate Mass Balance Model for Lake Michigan, LM2. ***IAGLR, Chicago, IL, June 23-26, 2003.***